

This bull floating must be done prior to bleed water coming to the surface. If needed, in the Engineer's judgement, the Engineer will require a ten foot straight edge to be used immediately following the bull floating operation.

Following the evaporation of the bleed water and when the fresh concrete will support normal foot pressure with a maximum 1/8 inch indentation, the wood floating operations should be commenced, followed by the magnesium float, and brooming with a medium bristle, high quality concrete finishing broom.

The acceptable tolerance for the surface of the sidewalk area is 1/8 inch in ten feet as determined by a ten foot straight edge checking the concrete sidewalk or other area in any direction.

CONTROL JOINTS

Control joints are to be sawed to a minimum depth of 1-inch. Joints shall be sawed as soon as the concrete can withstand raveling. Joints shall be cleaned and sealed immediately following sawing. Proper care must be taken to ensure that these saw joints are uniform and straight. The following guidelines will control the size of the sidewalk pads to govern the sawing:

From 0 to 6 feet wide -
no longitudinal joint is required and the traverse joint will be at even intervals equal to the width of the sidewalk.

From 6'1" to 10'4" -
a centerline longitudinal joint is required. A transverse saw joint is required at the same distance as one-half the width of the sidewalk.

From 10'5" and up -
the longitudinal joints will be sawed to provide a minimum of 42-inches and a maximum of 5-feet between longitudinal saw joints. The transverse saw joint will be provided to form square sidewalk pads. In addition, whenever poles, fire hydrants, meters, tree grates or other obstacles are encountered, the sawing may need to be altered to control cracking at these obstacles.

EXPANSION JOINT

Expansion joint shall be 1/2-inch premolded fiber conforming to ASTM D2628 or D1751 of the perforated type so that the upper 1/2-inch can be removed and joint sealant can be placed over the expansion joint for a uniform seal. Expansion joints shall be installed along buildings, at driveways, at ramps, at structures and at intervals not to exceed 75 feet.

 Approved	<u>1/1/12</u> Date
Revisions	



DOWNTOWN SIDEWALKS Specifications

1000.01C